IN THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently amended) A method for scheduling radio resource management (RRM) ~~procedures~~ algorithms on a radio link by coordinating the RRM algorithms ~~in a wireless communication system~~, comprising the steps of:

[[(a)]] receiving ~~at least one trigger~~ an event;

~~(b) evaluating the at least one trigger;~~

[[(c)]] selecting at least one RRM ~~algorithms~~ algorithm to ~~execute~~ resolve the event, wherein the RRM algorithms are selected based ~~upon the evaluation of the at least one trigger~~ on the event received;

[[(d)]] ~~executing~~ invoking the selected RRM algorithms;

[[(e)]] analyzing the results of the ~~selected~~ invoked RRM algorithms ~~to determine their outcomes~~;

[[(f)]] ~~choosing~~ determining a subset of the selected RRM algorithms~~,~~ ~~based upon their outcomes,~~ to ~~determine~~ be executed to achieve an optimal ~~set of results~~ result to resolve the event received, ~~the choosing being~~ wherein the subset of RRM algorithms is based on the ~~analysis of the~~ results of the analyzing step;

[[(g)]] executing the subset of ~~selected~~ determined RRM algorithms on the radio link; and

[[(h)]] placing the radio link into a busy state such that only one RRM algorithm can be executed and operate on the radio link at a time, the radio link remaining in the busy state for the duration of [[the]] an RRM algorithm's execution ~~whereby all other RRM algorithms are denied access to the radio link until completion of the algorithm~~.

2. (Currently amended) The method according to claim 1, wherein the executing step [[(g)]] includes ~~the steps of~~:

~~placing a radio link into a busy state, whereby the radio link is accessible only by the currently executing RRM algorithms;~~

~~performing the RRM algorithms on the radio link;~~

preparing a set of predicted measurements for use by the other RRM ~~procedures~~ algorithms in the ~~subset; and~~ subset

~~placing the radio link into an idle state, whereby the radio link is accessible by any RRM procedure~~.

3. (Currently amended) The method according to claim [[2]] 1, wherein the ~~performing step includes~~ RRM algorithms include configuring a radio link.

4. (Currently amended) The method according to claim [[2]] 1, wherein the ~~performing step includes~~ RRM algorithms include reconfiguring an existing radio link.

5. (Currently amended) The method according to claim [[2]] 1, wherein if the subset of RRM algorithms ~~to be performed need~~ needs access to a radio link that is in the busy state, then performing the steps of:

setting a flag associated with the subset of RRM algorithms to indicate a pending state; and

queuing the subset of RRM algorithms to be performed at a later time.

6. (Previously presented) The method according to claim 5, wherein any queued RRM algorithms are performed when the radio link is in the idle state.

7. (Original) The method according to claim 2, wherein the set of predicted measurements is stored in a centralized database.

8. (Currently amended) The method according to claim 1, further comprising the step of ordering the subset of RRM algorithms, the ordering step being performed before the executing step [[(g)]].

9. (Currently amended) A method for scheduling radio resource management (RRM) ~~procedures~~ algorithms by coordinating the RRM algorithms ~~in a wireless communication system~~, comprising the steps of:

receiving ~~at least one trigger, each trigger being associated with~~ an event, wherein at least one RRM algorithm is associated with the event;

placing a radio link into a busy state for the duration of [[the]] an RRM algorithm's execution, whereby all other RRM algorithms are denied access to the radio link until the completion of the RRM algorithm;

performing the RRM algorithm on the radio link;

preparing a set of predicted measurements for use by the other RRM ~~procedures~~ algorithms; and

placing the radio link into an idle state, whereby the radio link is accessible by any RRM ~~procedure~~ algorithm.

10. (Currently amended) The method according to claim 9, wherein the ~~performing step~~ at least one RRM algorithm includes configuring a radio link.

11. (Currently amended) The method according to claim 9, wherein the ~~performing step~~ at least one RRM algorithm includes reconfiguring an existing radio link.

12. (Previously presented) The method according to claim 9, wherein if the RRM algorithm to be performed needs access to a radio link that is in the busy state, then performing the steps of:

setting a flag associated with the RRM algorithm to indicate a pending state; and

queuing the RRM algorithm to be performed at a later time.

13. (Currently amended) The method according to claim 12, wherein any queued RRM algorithm [[are]] is performed when the radio link is in the idle state.

14. (Original) The method according to claim 9, wherein the set of predicted measurements is stored in a centralized database.